

JOHN ASHCROFT  
Governor

FREDERICK A. BRUNNER  
Director



MAR 10 1988

*J. M.*

Division of Energy  
Division of Environmental Quality  
Division of Geology and Land Survey  
Division of Management Services  
Division of Parks, Recreation,  
and Historic Preservation

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

Springfield Regional Office  
1155 East Cherokee Street  
Springfield, MO 65807  
417-883-4033

1.000 Springfield

March 7, 1988

Mr. Randy Lyman  
City of Springfield  
Sanitary Services Department  
830 Boonville  
Springfield, MO 65802

Dear Mr. Lyman:

On March 4, 1988, Gene Pabst, Karen Chandler, and Steve Short of the City, and Gale L. Roberts and Melinda Mitchell-Sas of the Department of Natural Resources made a joint investigation of the oil sheen in the west ditch at Montclair and South Fremont in Springfield. The oil sheen in the west ditch along Fremont extended from Montclair to the Immaculate Conception Church at Primrose and then flowed into the storm water retention pond on Westview between Fremont and National. This pond had a continuous oil layer covering a 5' x 40' area at the southeast corner and had a thin broken sheen along the southern edge. A thin broken sheen was being discharged from this pond at the southwest outlet.

City personnel installed an oil absorbent boom at the culvert at Primrose. There was an oil stain on the grass on the Immaculate Conception property over a large area to an elevation of 1½' along the elevated road (Primrose). The oil had an odor which I felt was similar to fuel oil/diesel, but Steve Short thought it might be used motor oil.

The oil sheen began in the open ditch at Fremont/Montclair from an underground storm drain. The corner of Fremont and Battlefield appears to be a high point and it appeared the area immediately adjacent to Fremont from Battlefield to Montclair is the only likely drainage to the storm sewer. The only two businesses that seemed probable sources are Firestone and Southwestern Bell.

3100 South Fremont

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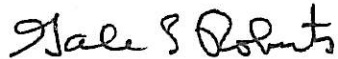
Pat Ritter at 836-2267 (garage operation) and Jim Wilson (building maintenance) of Southwestern Bell were contacted. Mr. Wilson first advised Bell had a large underground diesel storage tank (backup generator fuel) onsite, but later advised this tank was not underground. Their underground fuel oil tank was removed two years ago. All vehicle oil changes are contracted out.

Firestone personnel advised that they had an underground storage tank for used motor oil. Used motor oil is picked up by Southwest Petroleum/Radium Oil, but they had not made a pickup for about two weeks. There was no evidence of spillage or overflow at the site.

In summary, the source of the oil sheen was not identified. If you find any additional information, please advise.

Sincerely,

SPRINGFIELD REGIONAL OFFICE



Gale L. Roberts, P.E.  
Environmental Engineer

GLR:jh

cc: Lab Services Program